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German Democratic Republic

SECURITY INFORMATION

FDD Abstract of [REDACTED]

NORMS FOR ALUMINUM ALLOYS

(7pp; German; 25 October 1950)

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This carbon copy of a typewritten document consists of four sections.

The first section, undated, is an explanatory note stating that the specifications of DIN (German Industrial Norm) 1725 Blatt (page) 2 were changed as shown in section two following. This first section also contains footnote explanations of certain items in section two.

The second section, undated, consists of a 5-page table entitled: Technical Quality- and Delivery- Norms for Aluminum Alloys. The table headings are : (1) Abbreviation; (2) Composition, in percent; (3) Maximum Permissible Admixture, in percent; (4) Form and State in which Delivered; (5) Abbreviation used in Ordering;

(6) Elastic Limit, 0.2 kg/mm² Standard; (7) Tensile Strength, kg/mm² [sic] ;
(8) Elongation at Breaking, 5 percent; (9) Brinell Hardness HB (P-10 D) kg/mm²;
(10) Distinguishing Characteristics; (11) Directions for Use; (12) Remarks.

The third section is a 1-page table, dated 25 October 1950, giving the specifications of aluminum alloys and aluminum alloy castings according to DIN 1725. The table lists the alloys (such as Al Cu 3 Mg, Al Mg 3 Si, etc.) and the quantities of metals (such as Mg, Fe, Mn, etc.) contained in them.

The fourth section, 1-page, undated, gives an analysis of welding wire No, 5 as follows: Mg 4.3 - 4.8; Mn 0.4 - 0.5; Si 0.9 - 1.1; Ti 0.05 - 0.1.

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[The foreign language document or a microfilm of it [REDACTED] is available from CIA Library, ext. 3505.]

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